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(FILE 'HOME' ENTERED AT 17:44:08 ON 02 JAN 2001)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 17:44:19 ON 02 JAN 2001

L1 71761 S ADENOVIRUS OR ADENOVIRAL
L2 574 S E4ORF4 OR E4ORF6 OR DEATH(W) PROTEIN
L3 208 S L1 AND L2
L4 76 S L3 AND APOPTOSIS
L5 30 DUP REM L4 (46 DUPLICATES REMOVED)

=> d 1-30 au ti so l5

L5 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2001 ACS
IN Patel, Salil; Mcarthur, James; Gyuris, Jenö; Mendez, Michael J.; Finer, Mitchell
TI Anti-neoplastic compositions and uses thereof
SO PCT Int. Appl., 126 pp.
CODEN: PIXXD2

L5 ANSWER 2 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)
AU Boyer J L; Ketner G (Reprint)
TI Genetic analysis of a potential zinc-binding domain of the adenovirus E4 34k protein
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (19 MAY 2000) Vol. 275, No. 20, pp. 14969-14978.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.

L5 ANSWER 3 OF 30 MEDLINE DUPLICATE 1
AU Marcellus R C; Chan H; Paquette D; Thirlwell S; Boivin D; Branton P E
TI Induction of p53-independent apoptosis by the adenovirus E4orf4 protein requires binding to the Balph subunit of protein phosphatase 2A.
SO JOURNAL OF VIROLOGY, (2000 Sep) 74 (17) 7869-77.
Journal code: KCV. ISSN: 0022-538X.

L5 ANSWER 4 OF 30 MEDLINE DUPLICATE 2
AU Shtrichman R; Sharf R; Kleinberger T
TI Adenovirus E4orf4 protein interacts with both Balph and B' subunits of protein phosphatase 2A, but E4orf4-induced apoptosis is mediated only by the interaction with Balph.
SO ONCOGENE, (2000 Aug 3) 19 (33) 3757-65.
Journal code: ONC. ISSN: 0950-9232.

L5 ANSWER 5 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)
AU Levrero M; DeLaurenzi V; Costanzo A; Sabatini S; Gong J; Wang J Y J; Melino G (Reprint)
TI The p53/p63/p73 family of transcription factors: overlapping and distinct functions
SO JOURNAL OF CELL SCIENCE, (MAY 2000) Vol. 113, No. 10, pp. 1661-1670.
Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE
COMMERCIAL
PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.

ISSN: 0021-9533.

- L5 ANSWER 6 OF 30 MEDLINE DUPLICATE 3
AU Lavoie J N; Champagne C; Gingras M C; Robert A
TI **Adenovirus** E4 open reading frame 4-induced **apoptosis**
involves dysregulation of Src family kinases.
SO JOURNAL OF CELL BIOLOGY, (2000 Sep 4) 150 (5) 1037-56.
Journal code: HMV. ISSN: 0021-9525.
- L5 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 4
AU Kleinberger, T.
TI Induction of **apoptosis** by **adenovirus E4orf4**
protein
SO Apoptosis (2000), 5(3), 211-215
CODEN: APOPFN; ISSN: 1360-8185
- L5 ANSWER 8 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)
AU Xu Z Z; Nevels M; MacAvoy E S; Lockett L J; Curiel D; Dobner T; Both G W
(Reprint)
TI An ovine **adenovirus** vector lacks transforming ability in cells
that are transformed by AD5 E1A/B sequences
SO VIROLOGY, (25 APR 2000) Vol. 270, No. 1, pp. 162-172.
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA
92101-4495.
ISSN: 0042-6822.
- L5 ANSWER 9 OF 30 MEDLINE DUPLICATE 5
AU Yamano S; Tokino T; Yasuda M; Kaneuchi M; Takahashi M; Niitsu Y; Fujinaga
K; Yamashita T
TI Induction of transformation and p53-dependent **apoptosis** by
adenovirus type 5 **E4orf6/7** cDNA.
SO JOURNAL OF VIROLOGY, (1999 Dec) 73 (12) 10095-103.
Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 10 OF 30 MEDLINE DUPLICATE 6
AU Shtrichman R; Sharf R; Barr H; Dobner T; Kleinberger T
TI Induction of **apoptosis** by **adenovirus E4orf4**
protein is specific to transformed cells and requires an interaction with
protein phosphatase 2A.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1999 Aug 31) 96 (18) 10080-5.
Journal code: PV3. ISSN: 0027-8424.
- L5 ANSWER 11 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)
AU Steegenga W T (Reprint); Shvarts A; Riteco N; Bos J L; Jochemsen A G
TI Distinct regulation of p53 and p73 activity by **adenovirus** E1A,
E1B, and **E4orf6** proteins
SO MOLECULAR AND CELLULAR BIOLOGY, (MAY 1999) Vol. 19, No. 5, pp.
3885-3894.
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,
WASHINGTON, DC 20005-4171.
ISSN: 0270-7306.
- L5 ANSWER 12 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)
AU Nevels M; Spruss T; Wolf H; Dobner T (Reprint)
TI The **adenovirus E4orf6** protein contributes to malignant
transformation by antagonizing E1A-induced accumulation of the tumor
suppressor protein p53
SO ONCOGENE, (7 JAN 1999) Vol. 18, No. 1, pp. 9-17.
Publisher: STOCKTON PRESS, HOUNDMILLS, BASINGSTOKE RG21 6XS, HAMPSHIRE,
ENGLAND.
ISSN: 0950-9232.
- L5 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2001 ACS
IN Branton, Philip E.; Shore, Gordon C.; Teodoro, Jose G.; Marcellus,
Richard

C.; Lavoie, Josee N.
 TI Use of **adenovirus** 4 death proteins to
 induce p53-independent **apoptosis**
 SO PCT Int. Appl., 88 pp.
 CODEN: PIXXD2

L5 ANSWER 14 OF 30 BIOSIS COPYRIGHT 2001 BIOSIS
 AU Hardwick, J. Marie (1); Ketner, Gary (1); Clem, Rollie J.
 TI Viral genes that modulate **apoptosis**.
 SO Wilson, J. W. [Editor]; Booth, C. [Editor]; Potten, C. S. [Editor].
 (1998)
 pp. 243-279. Apoptosis genes.
 Publisher: Kluwer Academic Publishers 101 Phillip Drive, Norwell,
 Massachusetts 02061, USA.
 ISBN: 0-412-83860-5.

L5 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2001 ACS
 AU Higashino, Fumihiro; Pipas, James M.; Shenk, Thomas
 TI **Adenovirus E4orf6** oncoprotein modulates the function
 of the p53-related protein, p73
 SO Proc. Natl. Acad. Sci. U. S. A. (1998), 95(26), 15683-15687
 CODEN: PNASA6; ISSN: 0027-8424

L5 ANSWER 16 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)
 AU Roth J; Konig C; Wienzek S; Weigel S; Ristea S; Dobbelsstein M (Reprint)
 TI Inactivation of p53 but not p73 by **adenovirus** type 5 E1B
 55-kilodalton and E4 34-kilodalton oncoproteins
 SO JOURNAL OF VIROLOGY, (NOV 1998) Vol. 72, No. 11, pp. 8510-8516.
 Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,
 WASHINGTON, DC 20005-4171.
 ISSN: 0022-538X.

L5 ANSWER 17 OF 30 MEDLINE DUPLICATE 7
 AU Marcellus R C; Lavoie J N; Boivin D; Shore G C; Ketner G; Branton P E
 TI The early region 4 orf4 protein of human **adenovirus** type 5
 induces p53-independent cell death by **apoptosis**.
 SO JOURNAL OF VIROLOGY, (1998 Sep) 72 (9) 7144-53.
 Journal code: KCV. ISSN: 0022-538X.

L5 ANSWER 18 OF 30 MEDLINE DUPLICATE 8
 AU Shtrichman R; Kleinberger T
 TI **Adenovirus** type 5 E4 open reading frame 4 protein induces
apoptosis in transformed cells.
 SO JOURNAL OF VIROLOGY, (1998 Apr) 72 (4) 2975-82.
 Journal code: KCV. ISSN: 0022-538X.

L5 ANSWER 19 OF 30 MEDLINE DUPLICATE 9
 AU Li Y; Kang J; Horwitz M S
 TI Interaction of an **adenovirus** E3 14.7-kilodalton protein with a
 novel tumor necrosis factor alpha-inducible cellular protein containing
 leucine zipper domains.
 SO MOLECULAR AND CELLULAR BIOLOGY, (1998 Mar) 18 (3) 1601-10.
 Journal code: NGY. ISSN: 0270-7306.

L5 ANSWER 20 OF 30 MEDLINE DUPLICATE 10
 AU Lavoie J N; Nguyen M; Marcellus R C; Branton P E; Shore G C
 TI **E4orf4**, a novel **adenovirus** death factor that induces
 p53-independent **apoptosis** by a pathway that is not inhibited by
 zVAD-fmk.
 SO JOURNAL OF CELL BIOLOGY, (1998 Feb 9) 140 (3) 637-45.
 Journal code: HMV. ISSN: 0021-9525.

L5 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 11
 AU Wold, William S. M.; Tollefson, Ann E.
 TI **Adenovirus** E3 proteins: 14.7K, RID, and gp19K inhibit

- immune-induced cell death; **adenovirus death**
protein promotes cell death
 SO Semin. Virol. (1998), 8(6), 515-523
 CODEN: SEVIEL; ISSN: 1044-5773
- L5 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 12
 AU Chinnadurai, G.
 TI Control of **apoptosis** by human **adenovirus** genes
 SO Semin. Virol. (1998), 8(5), 399-408
 CODEN: SEVIEL; ISSN: 1044-5773
- L5 ANSWER 23 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)
 AU Conseiller E; Debussche L; Landais D; Venot C; Maratrat M; Sierra V;
 Tocque B; Bracco L (Reprint)
 TI CTS1: A p53-derived chimeric tumor suppressor gene with enhanced in vitro
 apoptotic properties
 SO JOURNAL OF CLINICAL INVESTIGATION, (1 JAN 1998) Vol. 101, No. 1, pp.
 120-127.
 Publisher: ROCKEFELLER UNIV PRESS, 1114 FIRST AVE, 4TH FL, NEW YORK, NY
 10021.
 ISSN: 0021-9738.
- L5 ANSWER 24 OF 30 BIOSIS COPYRIGHT 2001 BIOSIS
 AU Schneider-Brachert, W.; Schlaak, C.; Davarnia, P.; Marget, M.; Kroenke,
 M.
 TI **Adenovirus** E3-14.7K protein does not prevent **apoptosis**
 by TNF-receptor associated **death proteins** or caspases.
 SO Journal of Interferon and Cytokine Research, (May, 1998) Vol. 18, No. 5,
 pp. A76.
 Meeting Info.: 7th International Conference on Tumor Necrosis Factor and
 Related Molecules Scientific Advances and Medical Applications Hyannis,
 Massachusetts, USA May 17-21, 1998
 ISSN: 1079-9907.
- L5 ANSWER 25 OF 30 MEDLINE DUPLICATE 13
 AU Querido E; Marcellus R C; Lai A; Charbonneau R; Teodoro J G; Ketner G;
 Branton P E
 TI Regulation of p53 levels by the E1B 55-kilodalton protein and
E4orf6 in **adenovirus**-infected cells.
 SO JOURNAL OF VIROLOGY, (1997 May) 71 (5) 3788-98.
 Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 26 OF 30 MEDLINE DUPLICATE 14
 AU Whalen S G; Marcellus R C; Whalen A; Ahn N G; Ricciardi R P; Branton P E
 TI Phosphorylation within the transactivation domain of **adenovirus**
 E1A protein by mitogen-activated protein kinase regulates expression of
 early region 4.
 SO JOURNAL OF VIROLOGY, (1997 May) 71 (5) 3545-53.
 Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 27 OF 30 MEDLINE DUPLICATE 15
 AU Li Y; Kang J; Horwitz M S
 TI Interaction of an **adenovirus** 14.7-kilodalton protein inhibitor
 of tumor necrosis factor alpha cytolysis with a new member of the GTPase
 superfamily of signal transducers.
 SO JOURNAL OF VIROLOGY, (1997 Feb) 71 (2) 1576-82.
 Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 28 OF 30 SCISEARCH COPYRIGHT 2001 ISI (R)
 AU Nevels M; Rubenwolf S; Spruss T; Wolf H; Dobner T (Reprint)
 TI The **adenovirus E4orf6** protein can promote
 E1A/E1B-induced focus formation by interfering with p53 tumor suppressor
 function
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
 AMERICA, (18 FEB 1997) Vol. 94, No. 4, pp. 1206-1211.

Publisher: NATL ACAD PRESS, 2101 CONSTITUTION AVE NW, WASHINGTON, DC
20418.
ISSN: 0027-8424.

L5 ANSWER 29 OF 30 MEDLINE DUPLICATE 16
AU Moore M; Horikoshi N; Shenk T
TI Oncogenic potential of the **adenovirus E4orf6** protein.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (1996 Oct 15) 93 (21) 11295-301.
Journal code: PV3. ISSN: 0027-8424.

L5 ANSWER 30 OF 30 MEDLINE DUPLICATE 17
AU Tollefson A E; Ryerse J S; Scaria A; Hermiston T W; Wold W S
TI The E3-11.6-kDa **adenovirus death protein**
(ADP) is required for efficient cell death: characterization of cells
infected with adp mutants.
SO VIROLOGY, (1996 Jun 1) 220 (1) 152-62.
Journal code: XEA. ISSN: 0042-6822.